Work	Order	ID	58501
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May 7, 2610 2:26:59 PM



Page 1

Item ID:

D205-634-041

Accept



Setup Start

Stop



Revision ID:

Item Name:

Replacement Skidtube

Start Date:

07/05/2010

Start Qty: 1.00

Required Date: 24/05/2010 Req'd Qty: 1.00



Cust Item ID: Customer:

Reference:

Approvals:

Process Plan:

Date: 15-07 Tooling:

Date:

0.00

0.00

SPC (Y/N):

Date:

Date:

Run Start

Stop



Sequence ID/ Work Center ID Operation

Revision Nbr

Description

Set Up/ **Run Hours**

Draw Number Draw Rev.

Plan Accept Qty Code

Reject Qty

Reject Number

Insp. Stamp

Draw Nbr

D2580 Rev D

100

QC:

Document Control

DOCUMENT CONTROL

Memo

Photocopy D205-634 bluefile & type labels per PPP D205-634-041 CHG002

110

CNC Bend 1

BENDING MACHINE - SKIDTUBES

Memo

0.00

0.00

CNC Delta 100 Bender

1-Bend as per program D2580.C on CNC Bender and Folio FT009

2-Cut tubes as per Dwg. D2580

M 19/5/18



Dart Aerospace L	_td
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W/O:			WO	RK ORDER CHAN	GES					4 ,
DATE	STEP	PRO	OCEDURE CHAN	IGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
								:		
Part No.	•	PAR #:	Foult Coton		NCD	. Van 1	No. DO	·	Dot	
i dit ito										
Resolution:				R NON-CONFORM				-	Date:	
NCR:	T					(NCH	,			
DATE	STEP	Description of NC Section A	Initial Action Description			Sign & Section			Approval	Approval
		Section A	Chief Eng	Chief Eng		Date	Section	on C	Chief Eng	QC Inspector
			:							
				4446			<u> </u>			

Work Order ID 58501

May 7, 2010 2:26:59 PM



Page 2

Item ID:

D205-634-041

Accept



Setup Start

Stop



Revision ID:

Item Name:

Replacement Skidtube

Start Date:

07/05/2010

Start Qty: 1.00

Required Date: 24/05/2010

Req'd Qty: 1.00



Cust Item ID:

Customer:

Draw

Number

Reference:

		_
Ap	prov	als:

Process Plan:

Date:

Tooling:

Date:

Draw

Rev.

Plan

Code

Run

Reject

Qty

Start



QC:

Operation

Description

Date: _____

SPC (Y/N):

Set Up/

Run Hours

Date:

Stop

Reject

N 015/13



Number Stamp

Insp. -

Sequence ID/ Work Center ID

120

Skidtubes

Skidtubes

Memo

0.00

0.00

1- Deburr ends

2- C'sink holes as per dwg without cutting fluid

3- Prepare tube for welding, remove alodine as required.

4- Scribe batch number insied aft end of tube.

130

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

0.00

Accept

Qty

BE 10/05/18

Memo

Dart Aerospace L	.td
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W/O:			W	ORK ORDER	CHANGES				1	*.	
DATE STEP		PRO	OCEDURE CHA	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
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	}										
Part No:		PAR #:	Fault Category:N			NCR: Yes No DQA: Date:					
	Resolution: Disposition:			C	A: N/C CI	osed:		Date: _			
NCR:			WORK ORD	ER NON-COI	NFORMANO	E (NCR	1)				
DATE	CTED	Description of NC	Description of NC Corrective Action Section				Verifica	Verification		Approval	
DATE	STEP	Section A	Initial Chief Eng	Action De Chief	scription ^{Eng}	Sign & Date	Section		Approval Chief Eng	QC Inspector	
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			}								

Work	Order	ID	58501
4 1 O 1 12	Oluvi	***	20201

May 7, 2010 2:26:59 PM



Page 3

Item ID:

D205-634-041

Accept

Setup Start

Stop



Revision ID:

Item Name:

Replacement Skidtube

Start Date:

07/05/2010

Start Qty: 1.00

Required Date: 24/05/2010 Req'd Qty: 1.00



Cust Item ID:

Customer:

Reference:

Process Plan:

Date:

Tooling:

Date:

Run

Start



OC:

Date:_____

SPC (Y/N):

Date:

Stop

Sequence ID/ Work Center ID

140



Skidtubes

Skidtubes

Operation Description

Set Up/ **Run Hours** Draw Number Draw Rev.

Plan Code

Accept **Qty**

Reject Oty

Reject Number Stamp

Insp.

Memo

0.00

0.00

1-Weld step D2576 as per Dwg. D2580 and QSI 004

A/R□□□ Aluminum Rod

M12860

BE 10/05/18

2-Prep per QSI 005 and weld crossbolt spacers D2579 as per Dwg. D2580, QSI

For D2579 spacers, weld one side, pass 3/8" drill, weld other side, pass 3/8" drill A/R \u2210 \u2210 Aluminum Rod

3-Grind welds as per Dwg D2580 Grind flush ridge made from bending

4-Drill holes for wearplates using DT 8217 & DT8937 Open holes to 19/64". adjust stopper not to hit web.Deburr

5-Counterbore crossbolt spacers to 7/16" ID x 1.0" deep as per Dwg D2580. Deburr holes

6-Drill pilot holes for aft cap using DT 8215Open holes to 0.208". Deburr

7-Drill pilot holes for Tow ring using DT8091, open to .640" and Deburr

Dart	Aerospace	Ltd
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100	
1	
1 /	

W/O:		WORK ORDER CHANGI					GES						
DATE STEP		PR	OCEDURE CHA	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
Part No	•	PAR #:	Fault Cate	egory:	NCR	: Yes I	No DQ	A:	_ Date: _				
Resolution		esolution:	Disposition:			N/C Clo	sed:		_ Date: _				
NCR:			WORK ORD	ER NON-CONFORM	IANCE	(NCR)							
DATE	STEP Description of NC				ction B	VARITIOS			Approval	Approval			
		Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Sect	ion C	Chief Eng	QC Inspector			
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Work Order ID 58501

May 7, 2010 2:26:59 PM



Page 4

Item ID:

D205-634-041

Accept

Setup Start

Stop

Revision ID:

Item Name:

Replacement Skidtube

Start Date:

07/05/2010

Start Qty: 1.00

Required Date: 24/05/2010

Req'd Qty: 1.00



Cust Item ID:

Customer:

Reference:

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Process Plan:

Date:_____

Tooling:

Date:

Run

Start



QC:

Date:_____

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID

150

Operation

Set Up/ **Run Hours**

Draw Number Draw Plan Rev. Code

Accept Qty

Reject Qty

Reject Insp. Number Stamp

Quality Control

160

QC

Quality Control

Description

QC10- Inspect visual per QSI004- ground welds

Memo

0.00

Diolostis

QC5- Inspect part completeness to step on W/O

0.00

0.00

Sistes

170

HandFinish Hand Finishing Pressure Wash per QSI005 4.3

Memo

0.00

0.00

Re-alodine tube as per QSI 005 section 4.1.2.1 do not acid etch and leave fwd

cap out of solution.

1 pl 10-5-20.

Dart	Aer	osp	ace	Ltd
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W/O:			ES	164'			2		
DATE	ATE STEP PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
Part No	•	PAR #:	Fault Cat	egory:	NCR: Yes	No DQ	A:	Date:	
	R	esolution:	Dispositi	on:	QA: N/C Closed: Date:				
NCR:			VORK ORI	DER NON-CONFORMA	NCE (NC	₹)		,	1.
DATE	STEP	Description of NC	Initial	Corrective Action Section	on B		cation	Approval	Approval
		Section A	Chief Eng	Action Description Chief Eng	Date		ion C	Chief Eng	QC Inspector
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Work	Order	ID	58501

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Page 5

Item ID:

D205-634-041

Accept

Setup Start

Stop



Revision ID:

Item Name:

Replacement Skidtube

Start Date:

07/05/2010

Start Qty: 1.00

Required Date: 24/05/2010

Req'd Qty: 1.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum

OVEN TEMPERATURE:

7:30 pm

32001-

Tooling:

Date:

Draw

Rev.

Plan

Code

Run Start



QC:

Operation

Description

Date:

N1/14207

SPC (Y/N):

Set Up/

Run Hours

Date:

Stop

Reject

Qty

Number Stamp

Insp.

Reject

Sequence ID/ Work Center ID

180



Powdercoat

Powder Coating

QC3- Inspect Part Finish

Memo

START TIME:

FINISH TIME:

8:00pe

0.00

0.00

10/05/21

Draw

Number

Accept

Qty

1 Bl 10-5-25.

190



Quality Control

Memo

0.00

0.00

Dart /	Aeros	pace	Ltd
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-3	

W/O:		WORK ORDER CHANGE				GES					
DATE STEP		PRO	PROCEDURE CHANGE				Ву	Date	Qty	Approval , Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	PAR #:	Fault Cate	gory:		NC	R: Yes	No DQ	A:	Date:	
Resolution:		esolution:	Disposition	_ Disposition: QA:			QA: N/C Closed: Date:				
NCR:		1	WORK ORDE	ER NON-C	ONFORM	ANCE	(NCR)			
DATE	STEP	Description of NC	Corrective Action			tion B			ation	Approvai	Approval
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May 7, 2010 2:26:59 PM

Required Date: 24/05/2010

Item ID:

D205-634-041

Accept



Setup Start

Stop

Start



Revision ID:

Item Name:

Replacement Skidtube

Start Date:

07/05/2010

Start Qty: 1.00

Req'd Qty: 1.00



Cust Item ID:

Customer:

Reference:

Δ	pp	ra	179	ŀ٠٠	

Process Plan: _____

Date:

Date:_____

Tooling:

SPC (Y/N):

Date:

Date:

Run

Stop

Sequence ID/

Operation **Work Center ID** Description

Set Up/ **Run Hours** Draw Number

Draw Plan Rev. Code

Accept **Qty**

Reject Qty

Reject Insp. Number Stamp

200



Hand Finishing

Memo

0.00

0.00

1-Install inserts & wearplates & Gaskets as per Dwg. D2580. Use a drop of

Sikaflex expire date:

Sikaflex on insert holes before installing wearplates A/R DD Sikaflex-291

2-Coat D2594-3 O' rings with Petroleum Jelly and install on D2594-1 plugs as per Dwg D2580

3-Inspect for foreign object per QSI 024

4-Install 2855 Aft Cap as per Dwg D2580 and seal Fwd Step & Aft Cap with

Sikaflex. Clean excess adhesive

A/R

Sikaflex-291

Sikaflex expire date:

5-Wing Walk as per Dwg D2580 and QSI 005 4.4

BR 10-5-25.

Dart	Aero	space	Ltd
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W/O:			WO	RK ORDER CHANG	ES					• .
DATE	STEP	PROCEDURE CHANGE				Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
								:		
Part No	:	PAR #:	Fault Categ	ory:	_ NCI	R: Yes	No DQ	A:	Date:	
	R	esolution:	Disposition	•	_ QA	N/C C	losed:		Date: _	·
NCR:			WORK ORDE	R NON-CONFORM	ANCE	(NCI	₹)	`		
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Work Order ID 58501

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Page 7

Item ID:

D205-634-041

Accept



Setup Start

Stop



Revision ID:

Item Name:

Required Date: 24/05/2010

Replacement Skidtube

07/05/2010

Start Qty: 1.00

Req'd Qty: 1.00



Cust Item ID:

Customer:

Reference:

Start Date:

Approvals:

Process Plan: _____

Date:

Date:

Tooling: SPC (Y/N):

Date:

Date:

Run

Start

Stop



Sequence ID/ Work Center ID

210

OC

Quality Control

Operation Description

QC5- Inspect part completeness to step on W/O

Set Up/ **Run Hours**

Draw Number

Draw Rev.

Plan Code

Accept Qty

Reject Otv

Reject Number

Insp. Stamp

Inspect Aft Cap, Fwd Step and Wing Walk of work to Current Step Inspect for

Foreign objects per OSI 024

220

Packaging

Packaging

Packaging

Memo

0.00 Identify and pack for shipping as per PPPD205-634-041

Location:

PPP Rev:

230

OC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

0.00

Memo

0.00

10/06/01 \$\frac{10}{10-5-01}

Dart Aerospace Ltd	Dart	Aeros	pace	Ltd
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W/O:		WORK ORDER CHANGES									
DATE	STEP	PRO	DCEDURE CHA	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
						:					
-					-						
Part No	:	PAR #:	Fault Cate	gory:	_ NCF	R: Yes	No DQA	٨:	Date:	· · · · · · · · · · · · · · · · · · ·	
	R	esolution:	Dispositio	າ:	QA:	N/C Clo	sed:		Date: _		
NCR:			WORK ORDI	ER NON-CONFORM	ANCE	(NCR)					
DATE	STEP	Description of NC			tion B		Verific	ation	Approval	Approval	
	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Section		Chief Eng	QC Inspector	
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Picklist Print	
Tuesday, May 18, 2	010 10:31:10 AM
Work Order ID: 58	3501
Parent Item: Di	205-634-041
Parent Item Name:	Replacement Skidtube
Comments:	IPP Rev:N□02.08.28□ IPP Rev P 10.02.19 IPP Rev. O 06.02.28

Start Date: 5/7/2010

Required Date: 5/24/2010

Page 1

	*						50	Date	3/1/2010	Required Date. 3/24/2010
Comments:	IPP Rev P 10.0 IPP Rev. O 06.	8.28□FP was QC5 in 12.19 per PAR09-043 02.28 Added paper 07-09 SS Wearplate	EC vork	EC	O□KJ		S	start Qty:	: 1.00	Required Qty: 1.00
D2580-1 205 Skidtube bent detai		Manufactured	No		110	Each	6.0000		05 36	19 D W 10/5/18
				Location	Lo	<u>Oty</u>	Loc Code			
				LG		6				
				57028		1				
				58090		1				
				58112		2				
				58384		1				
D2576-3		M	No	58385	140	I Engle	105 0000	,		
Step (maching detail)		Manufactured	INO		140	Each	105.0000			
				Location	Loc	<u>Oty</u>	Loc Code			
				LG		105				, 1.
				46661		57				_ &E 10/05/18
				52215		48				
D2579		Manufactured	No		140	Each	93.0000	2	0	
Crossbolt Spacer										
				Location	Loc	: Oty	Loc Code			
				LG		93				
				57052		5				
				57348		88			20	B.E ro/05/18

Picklist Print

Tuesday, May 18, 2010 10:31:10 AM

Page 2

Work Order ID: 58501

Parent Item:

D205-634-041

Parent Item Name:

Replacement Skidtube

Comments:

IPP Rev:N□02.08.28□FP was QC5 in Step 27; Added QC5 to Step 30□KJ

IPP Rev P 10.02.19 per PAR09-043 EC verified by:DD

IPP Rev. O 06.02.28 Added paperwork

IPP Rev:P 07-07-09

SS Wearplates & Gaskets

JLM

Start Date: 5/7/2010

Required Date: 5/24/2010

Start Oty: 1.00

Required Qty: 1.00

D2855

Manufactured

No

200

Each

102.0000

Cap

Location	Loc Qty	Loc Code
FP6	2	
56613	2	
ST026	100	
50513	1	
50770	28	
51539	17	
53791	54	

BR 10-5-25.

AN3-5A

Purchased

No

200

Each

957.0000

Bolt

Location ST350

105057

Loc Qty 957 957

Loc Code

2 bil 10-5-25

AN960JD10L

Purchased

No

Location

ST348

200

Each 4,199.000

Washer

110985

Loc Qty 4199 4199 Loc Code

ALS7-1032-130

Purchased

No

200 Each

17.0000

Insert

ALSH-1032-130

Location ST282

113238

Loc Oty 17 17 Loc Code

50. ph 10-5-25.

2 BR 10-5-25.

Picklist Print

Tuesday, May 18, 2010 10:31:10 AM

Page 3

Work Order ID: 58501

Parent Item:

D205-634-041

Parent Item Name:

Replacement Skidtube

Comments:

IPP Rev:N□02.08.28□FP was QC5 in Step 27; Added QC5 to Step 30□KJ

IPP Rev P 10.02.19 per PAR09-043 EC verified by:DD IPP Rev. O 06.02.28 Added paperwork

IPP Rev:P 07-07-09 SS Wearplates & Gaskets JLM Start Date: 5/7/2010

Required Date: 5/24/2010

Start Oty: 1.00

Required Qty: 1.00

AN3C4A

Purchased

No

200

Each

1,549.000

50

Location	Loc Oty	Loc Code
ST350	1549	
114103	501	
114108	300	
114416	12	
114416 114523	736	

AN960C10L



washer D3566-13



Purchased

Manufactured

No

NJAS1149C0332R

Manufactured

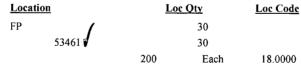
Each

Each

30.0000

0.0000

200



D3566-5



Gasket

Location FP015

57682

Loc Qty 18

18

Loc Code

DR 16-5-05.

50 BK 10-5-25

bl 10-5-25

Required Date: 5/24/2010

Required Qty: 1.00

Tuesday, May 18, 2010 10:31:10 AM

Work Order ID: 58501

Parent Item:

D205-634-041

Parent Item Name:

Replacement Skidtube

Comments:

IPP Rev:N□02.08.28□FP was QC5 in Step 27; Added QC5 to Step 30□KJ

No

No

No

No

IPP Rev P 10.02.19 per PAR09-043 EC verified by:DD

Manufactured

Manufactured

Manufactured

Manufactured

IPP Rev. O 06.02.28 Added paperwork

IPP Rev:P 07-07-09

SS Wearplates & Gaskets

200

200

200

Each

35.0000

2

Start Date: 5/7/2010

Start Qty: 1.00

Gasket

D3566-1

Location

JLM

FP015 58182

Loc Qty

35 14 21

Each

Loc Code

6.0000

Loc Code

D3564-11

Wearshoe

Location

FP019

57957 V

Loc Qty

24.0000 Each

D3564-13

Wearshoe

Location FP17

57922

200

Loc Qty 24 10 14 Each

19.0000

Loc Code

16-5-25

BR 10-5-25

D3564-9

Wearshoe

Location Loc Qty FP

55334 FP019

57685 57958 Loc Code

18 14

the 105-25.

Picklist Print

Tuesday, May 18, 2010 10:31:10 AM

Page 5

Work Order ID: 58501

D205-634-041



Parent Item Name:

Parent Item:

Comments:

Replacement Skidtube

IPP Rev:N□02.08.28□FP was QC5 in Step 27; Added QC5 to Step 30□KJ

IPP Rev P 10.02.19 per PAR09-043 EC verified by:DD IPP Rev. O 06.02.28 Added paperwork

IPP Rev:P 07-07-09 SS Wearplates & Gaskets JLM

Start Date: 5/7/2010

Required Date: 5/24/2010

Start Qty: 1.00

Required Qty: 1.00

D3564-5

Manufactured

Manufactured

No

200

Each

Each

4.0000

359.0000

Wearshoe

<u>Location</u>	Loc Qty	Loc Code
FG	1	
34806	1	
FP19 587-9	3	
57525	1	
57729	2	

\$ 10-5-35 16

D2594-3

O-Ring, 205 Skidtube

Location	<u>on</u>	Loc Qty	Loc Code
FP		359	
	55546	19	
	58191 🗸	340	

200

D2594-1

Plug, 205 Skidtube

Manufactured 200 Each

534.0000

Location Loc Qty Loc Code FP 334 42807 112 55002 80 57826 142 FP14 200 58434 200

16, Bl 16-5-25.

16 bf bl 10-5-25.



	05016		Territoria esta	
	DESIG	世	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
I	CHECK	KEDWL	APPROVED	DRAWING NO. REV. D
	<u> </u>	W	THE THE	D2580 SHEET 1 OF 3
ļ	DATE	_		TITLE SCALE
	07.0	02.27		205 SKIDTUBE ASSEMBLY NTS
	Α		96.09.16	NEW ISSUE
	В		96.12.02	AS MANUFACTURED
	С		98.08.26	REDRAWN, INCLUDED DEO 9094/9097
	D		07.02.27	CHANGE TO SS WEARPLATES AND GASKETS, INCLUDE DEO 9124/9183



QTY	QTY	Part Number	Description
-041	-045		
X		D2580-041	SKIDTUBE ASSEMBLY
	X	D2580-045	SKIDTUBE ASSEMBLY
1	1	D2500-1-190	EXTRUSION
1	1	D2576-3	STEP
20	24	D2579	CROSS BOLT SPACER
16	16	D2594-1	PLUG
16	16	D2594-3	O-RING
1	1	D2596	205 WEB
1	1	D2855	AFT CAP
1	1	D3564-5	WEARSHOE
1	1	D3564-9	WEARSHOE
1	1	D3564-11	WEARSHOE
1	1	D3564-13	WEARSHOE
2	2	D3566-1	GASKET
1	1	D3566-5	GASKET
1	1	D3566-13	GASKET
50	50	ALS7-1032-130	INSERT
		or AKS7-1032-130	
i i		or AKS4-1032-130	
		or AELS-1032-130	<u> </u>
50	50	AN3C4A	BOLT
2	2	AN3-5A	BOLT
50	50	AN960C10L	WASHER
2	2	AN960JD10L	WASHER

SHOP COPY
RETURN TO
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 5850/

GENERAL NOTES:

- 1) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) ALL DIMENSIONS ARE IN INCHES
- 3) INSERT D2596 WEB TO LOCATION SHOWN OFF AFT END OF SKIDTUBE AND BOND WEB INTO OUTER TUBE WITH NON-STRUCTURAL SIKAFLEX-241 ADHESIVE PER DART QSI 015 BEFORE BENDING. ENSURE HOLES LINE-UP.
- 4) BEND AS A SMOOTH RADIUS STARTING WITH A MAXIMUM CENTERLINE RADIUS OF 60 AND ENDING WITH A MINIMUM RADIUS OF 30. A MAXIMUM REDUCTION OF 0.200 IN DIAMETER IS ALLOWABLE IN THE BENT PORTION OF THE TUBE.
- 5) USE DART DRILL TEMPLATE TD2577-205 TO LOCATE AND DRILL Ø0.297 HOLES FOR WEARSHOE INSERTS. INSTALL ALS7-1032-130 PER SECTION D-D (50 PLACES) AFTER FINISH. INSTALL AN3C4A BOLTS AND AN960C10L WASHERS WITH SIKAFLEX-241/-291
- 6) WELDING TO BE DONE PER DART QSI 004.
- 7) FINISH:

SEE NOTES ON PAGE 2 FOR D2580-041 AND

PAGE 3 FOR D2580-045

8) INSERT D2594-1 PLUG C/W D2594-3 O-RING IN HOLES MARKED 'P' (BOTH SIDES OF TUBE) AFTER FINISH (16 PLACES).

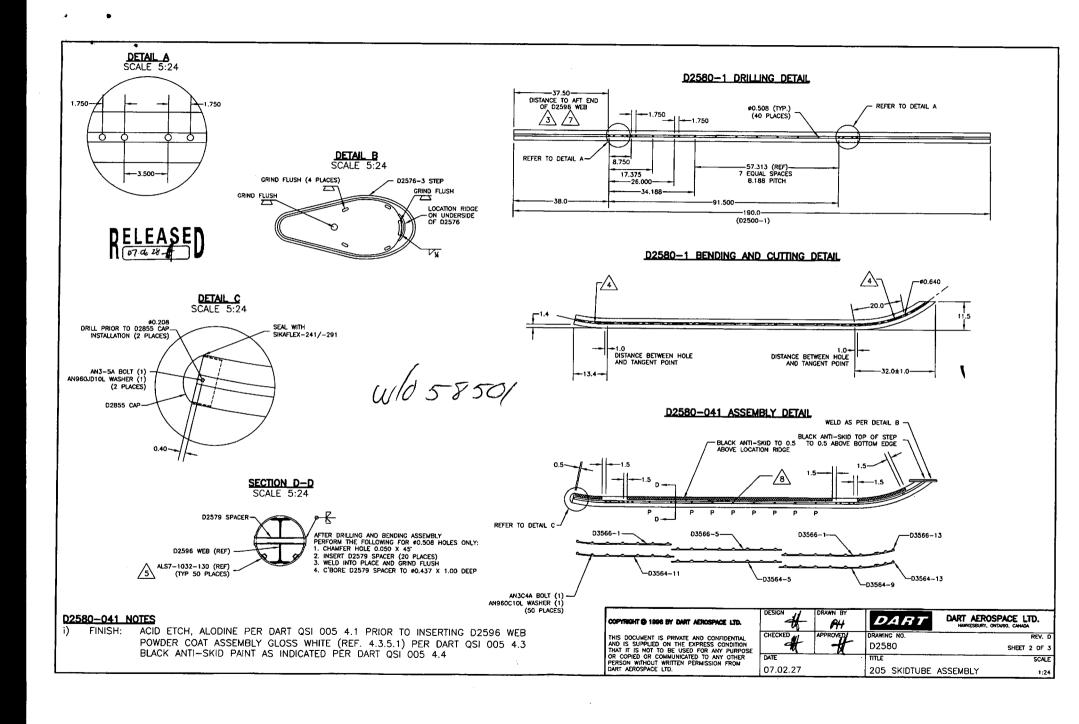
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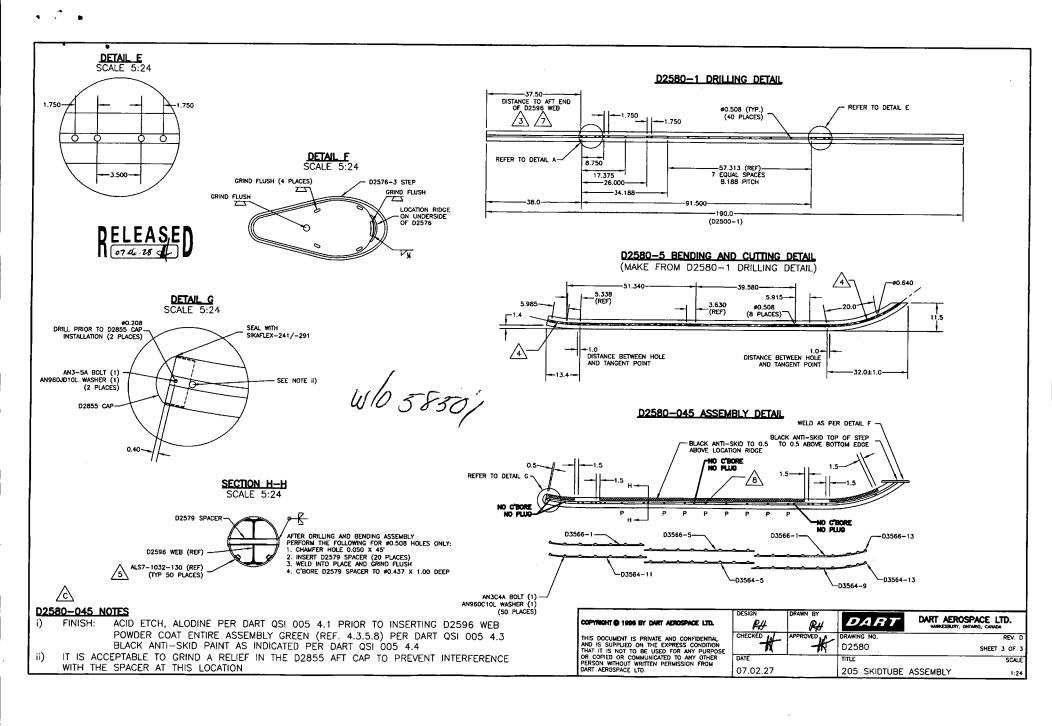
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JAIL	OIL!	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
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NO. 232

AWS D17.1.2001 QUALIFICATION TEST RECORD

Description: 205 1	Elliott Box Out Box Mig[]
Base materiel: Alumir	nas
Current: AC[\(\sqrt{DC} \)]	
TEST	Γ REQUIREMENTS AND RESULTS
Visual: Penetration:	pass[// fail[] pass[// fail[]
<u>UNACCEPTABLE</u>	
Cracks: Undercut: Pin holes: Overlap (cold lap) Porosity (surface): Coloration:	pass[] fail[] pass[] fail[] pass[] fail[] pass[] fail[] pass[] fail[]
Qualifier Solome Welder Bankay Sel	Date of Test Coupon 10.05.18 Date of Test Coupon 10.05.18

The above named individual is qualified in accordance with AWS D17.1.2001 to weld